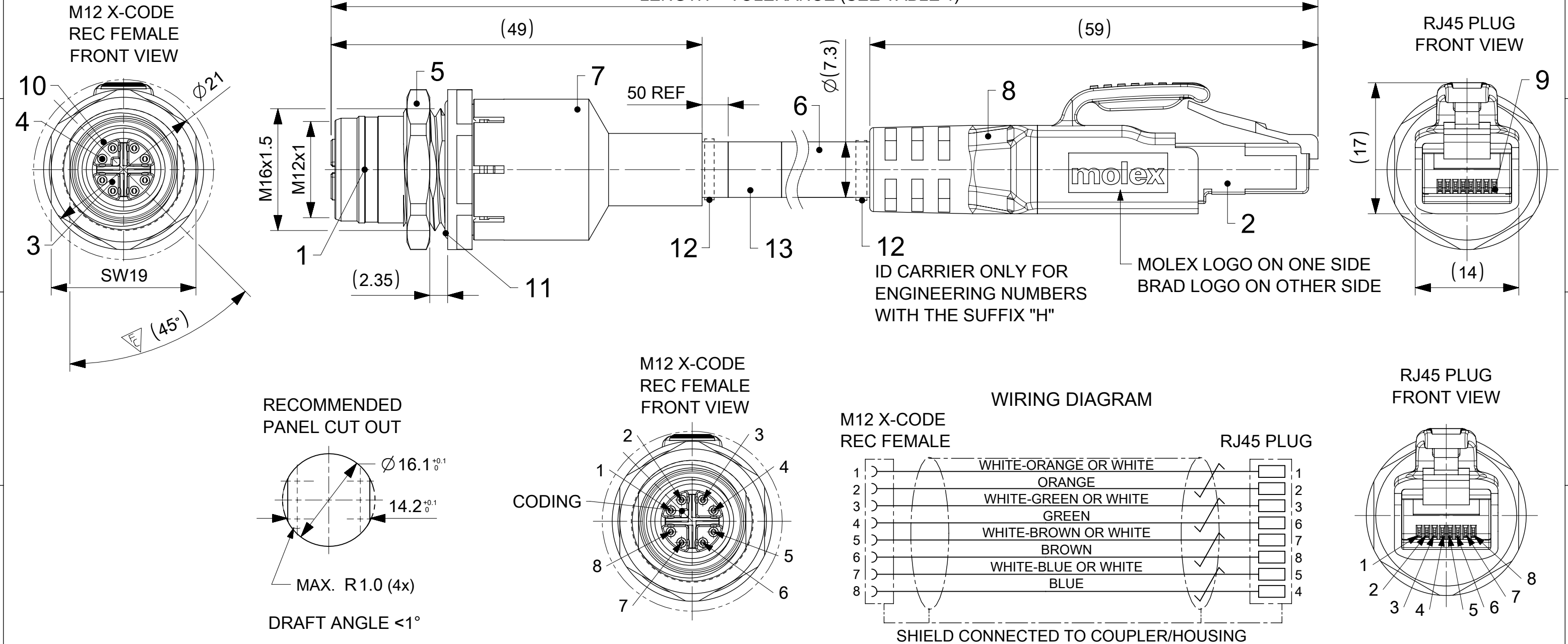
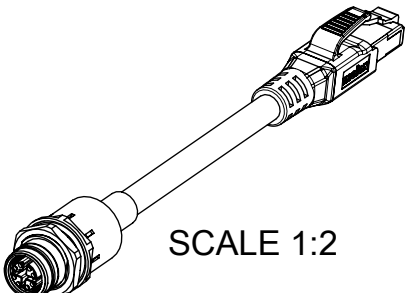




BILL OF MATERIAL				
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	SHELL M12 XC FE	BRASS	Ni PLATED
2	1	PLUG RJ45	-	-
3	1	INSERT M12 XC FE	PA	BLACK
4	8	CONTACT M12 XC FE	BRASS	Au PLATED
5	1	LOCKNUT	BRASS	Ni PLATED
6	1	CABLE 4X(2X AWG26/7) CAT 7	TPE	GREEN TEAL SIMILAR RAL6026
7	1	SHIELD SLEEVE	BRASS	Ni PLATED
8	1	OVERMOULD	TPU	BLACK
9	8	CONTACT RJ45	PHOSPHOR BRONZE	SELECTIVE GOLD
10	1	O-RING	FPM	RED
11	1	O-RING SHELL	EPDM	BLACK
12	-	ID CARRIER	PVC	TRANSPARENT
13	1	LABEL 2.0X1.75	VINYL	YELLOW

DOCUMENT STATUS P1 RELEASE DATE 2024/03/21 10:35:16

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: CABLE COLOR UPDATED			
	DIMENSION UNITS	SCALE				
$\nabla_A = 0$	mm	2:1				
$\nabla_E = 2$	GENERAL TOLERANCES (UNLESS SPECIFIED)					
$\nabla_F = 0$	ANGULAR TOL $\pm 1.0^\circ$					
DIVISIONAL SYMBOLS	4 PLACES	$\pm$				
	3 PLACES	$\pm$				
	2 PLACES	± 0.05				
	1 PLACE	± 0.3				
	0 PLACES	± 0.5				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
				A3-SIZE	120341	SEE TABLE 1
					CUSTOMER	SHEET NUMBER
					GENERAL MARKET	1 OF 2



	10	9	8	7	6	5	4	3	2	1
F	TABLE 1									
	MOLEX P/N	ENGINEERING NO.	DESCRIPTION					LENGTH (mm)		
	1203410890	ERWPEU7021M005	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 0.5M					500		
	1203410891	ERWPEU7021M010	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 1M					1000		
	1203410892	ERWPEU7021M020	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 2M					2000		
	1203410958	ERWPEU7021M030	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 3M					3000		
	1203410959	ERWPEU7021M040	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 4M					4000		
	1203410893	ERWPEU7021M050	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 5M					5000		
	1203410894	ERWPEU7021M100	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 10M					10000		
	WITH ID CARRIER									
E	1203411009	ERWPEU7021M004H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 0.4M					400		
	1203411010	ERWPEU7021M005H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 0.5M					500		
	1203411011	ERWPEU7021M006H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 0.6M					600		
	1203411012	ERWPEU7021M010H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 1M					1000		
	1203411013	ERWPEU7021M020H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 2M					2000		
	1203411070	ERWPEU7021M030H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 3M					3000		
D	1203411071	ERWPEU7021M040H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 4M					4000		
	1203411072	ERWPEU7021M050H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 5M					5000		
	1203411073	ERWPEU7021M060H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 6M					6000		
	1203411074	ERWPEU7021M070H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 7M					7000		
	1203411075	ERWPEU7021M080H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 8M					8000		
	1203411076	ERWPEU7021M100H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 10M					10000		
	1203411077	ERWPEU7021M120H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 12M					12000		
	1203411078	ERWPEU7021M150H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 15M					15000		
	1203411079	ERWPEU7021M200H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 20M					20000		
	1203411080	ERWPEU7021M250H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 25M					25000		
C	1203411081	ERWPEU7021M300H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 30M					30000		
	1203411082	ERWPEU7021M350H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 35M					35000		
	1203411083	ERWPEU7021M400H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 40M					40000		
	1203411084	ERWPEU7021M450H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 45M					45000		
	1203411085	ERWPEU7021M500H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 50M					50000		
	1203411086	ERWPEU7021M550H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 55M					55000		
	1203411087	ERWPEU7021M600H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 60M					60000		
	1203411088	ERWPEU7021M650H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 65M					65000		
	1203411089	ERWPEU7021M700H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 70M					70000		
	1203411090	ERWPEU7021M750H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 75M					75000		
B	1203411091	ERWPEU7021M800H	M12 CAT6A REC-F/RJ45 ST TPE GREEN TEAL SIMILAR RAL6026 80M					80000		
	NOTES:									
	VOLTAGE RATING: 30 V A.C. OR 42 V D.C.									
	CURRENT RATING: 0.5 A									
	TEMPERATURE RATING:									
	STATIC: -40 °C TO 80 °C									
	DYNAMIC: -25 °C TO 80 °C									
	IP RATING:									
	M12 SIDE IP 67 (IN MATED AND LOCKED CONDITION)									
	RJ45 SIDE IP 20									
A	TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CLASS E _A CHANNEL,									
	WITH INSERTION LOSS BEING IGNORED FOR CABLE LENGTHS ≤ 1 m OR ≥ 65 m									
	POWER TRANSMISSION TEST ACCORDING IEEE802.3bt UP TO 65m LENGTH									
	PACKAGING: CORDSETS ARE PACKED IN A POLYBAG									
	DOCUMENT STATUS	P1	RELEASE DATE	2024/03/21	10:35:16					